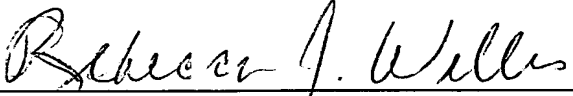


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| FORM PTO-1390 (REV. 10-2003) | | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | | ATTORNEY'S DOCKET NUMBER ABB10010P2080US | |
| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371 | | | | U.S. APPLICATION NO. (IF KNOWN) <div style="font-size: 1.5em; font-weight: bold;">10/539708</div> | |
| INTERNATIONAL APPLICATION NO. PCT/EP2003/014423 | | INTERNATIONAL FILING DATE 17 December 2003 | | PRIORITY DATE CLAIMED 18 December 2002 | |
| TITLE OF APPLICATION: 3-substituted 3,4-dihydrothieno[2,3-d]pyrimidin-4-one derivatives, production and use thereof | | | | | |
| APPLICANT(S) FOR DO/EO/US: Margaretha Bakker, et al. | | | | | |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: | | | | | |
| <ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. 3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input type="checkbox"/> The US has been elected. (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <div style="margin-left: 20px;"> <input checked="" type="checkbox"/> is attached hereto <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). </div> 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)). <ol style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated to the International Bureau c. <input type="checkbox"/> have not been made; however, the time for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). (Unexecuted) 10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). <p>Items 11 to 20 below concern document(s) or information included:</p> <ol style="list-style-type: none"> 11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input checked="" type="checkbox"/> A preliminary amendment. 14. <input type="checkbox"/> An Application Data Sheet. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A power of attorney and/or change of address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821-1.825. 18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. (154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 20. <input type="checkbox"/> Other items of information. Forms PCT/IB/301, PCT/IB/304 and PCT/IB/308 | | | | | |

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| U.S. APPLICATION NO. 10/539708 INTERNATIONAL APPLICATION NO. PCT/EP2003/014423 | | ATTORNEY DOCKET NUMBER ABB10010P2080US | |
| 21. The following fees are submitted | | Applicant Use | Office Use Only |
| <input checked="" type="checkbox"/> a) | Basic national fee \$300.00 | \$300.00 | |
| <input checked="" type="checkbox"/> b) | Examination fee \$200.00 | \$200.00 | |
| <input checked="" type="checkbox"/> c) | Search fee \$500.00 | \$500.00 | |
| TOTAL OF ABOVE CALCULATIONS = | | \$1,000.00 | |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250.00 for each additional 50 sheets of paper or fraction thereof | | | |
| Total Sheets | Extra Sheets | Number of Additional 50 or fraction thereof (round up to a whole number) | Rate |
| - 100 = | /50 | | x \$250.00 |
| | | | \$ |
| Surcharge of \$130.00 for furnishing oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)). | | | \$ |
| CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE |
| Total Claims | 20 | -20 = | x \$50.00 |
| Independent claims | 1 | - 3 = | x \$200.00 |
| Multiple Dependent Claim(s) (if applicable) | | + | \$360.00 |
| TOTAL OF ABOVE CALCULATIONS = | | | \$ |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2. | | | \$ |
| SUBTOTAL = | | | \$1,000.00 |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)). | | | \$ |
| TOTAL NATIONAL FEE | | | \$1,000.00 |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property | | + | \$ |
| TOTAL FEES ENCLOSED = | | | \$1,000 |
| Amount to be refunded: | | | \$ |
| Amount to be charged: | | | \$ |
| a. <input checked="" type="checkbox"/> A check in the amount of \$1,000.00 to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge Deposit Account No. 23-0785 in the amount of _____ to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 23-0785. A duplicate copy of this sheet is enclosed. d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. | | | |
| NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status. | | | |
| Send Correspondence to: CUSTOMER NUMBER: 32116 WOOD, PHILLIPS, KATZ, CLARK & MORTIMER Citicorp Center, Suite 3800 500 West Madison Street Chicago, Illinois 60661-2511 Telephone: (312) 876-1800 Facsimile: (312) 876-2020 | | Martin L. Katz, Reg. No. 25,011 June 17, 2005 Date | |

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with United States Express Mail (EV 531208945 US) addressed to: Mail Stop Provisional Applications, Commissioner for Patents, P. O. Box 1450, Alexandria, Virginia 22313-1450 on June 17, 2005.


Rebecca J. Willis